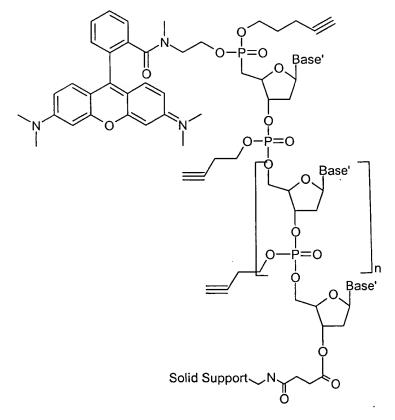
TMR-Linker-Phosphoramidite

FIG. 1A

#### Support-Bound Protected DNA

Rhodamine Oxidatio
Phosphoramidite

#### TMR-Labeled Support-Bound Protected DNA



Cleavage

Deprotection

TMR-Labeled DNA

FIG. 1B

#### Reaction 1

#### Protected Linker-Phosphoramidite

#### Reaction 2

Tetramethyl Rhodamine (TMR)

Activated TMR

Protected Linker

FIG. 2A

Protected linker Phosphoramidite

Oxidation

Step 1

FIG. 2B

Step 1

Solid Support

# FIG. 2B Continued

### Reaction 2

## FIG. 2B

Support-Bound Protected DNA

Amino Deprotection

### Step 1

### FIG. 3

### Step 2

#### FIG. 3 Continued

FIG. 4

FIG. 5